

# Product Datasheet

## Histone H3.1 Antibody NB100-91814

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-91814**

Histone H3.1 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2)
Target Molecular Weight	17 kDa

Product Description	
Host	Rabbit
Gene ID	8353
Gene Symbol	HIST1H3E
Species	Human, Mouse, Rat
Reactivity Notes	Human Mouse and Rat
Specificity/Sensitivity	Histone H3.1 (K4) detects endogenous levels of Histone H3.1 protein.
Immunogen	Synthetic peptide, corresponding to the N-terminal of Human Histone H3.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	Western blot (WB) analysis of Histone H3.1 (K4) pAb in extracts from COLO205 cells.

**Publications**

Hubbard GK, Mutton LN, Khalili M et al. Combined MYC Activation and Pten Loss Are Sufficient to Create Genomic Instability and Lethal Metastatic Prostate Cancer. Cancer Res 2016-01-15 [PMID: 26554830]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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